

IN THE ABSTRACT

Please delete the current Abstract in its entirety and  
substitute therefor the enclosed New Abstract.

NEW ABSTRACT

A high-pressure discharge lamp includes a burner which has a burner wall and a discharge chamber enclosed by said burner wall. A region with a lowest temperature and a region with a highest temperature establish themselves at the different portions of the burner wall during operation of the lamp and in dependence on the mounting position of the lamp. A multilayer interference filter is provided on a portion of the coldest parts of the burner wall. The interference filter reflects towards the discharge chamber mainly infrared (IR) light, where the IR light that has a causal relationship to the maximum emissive power of the material of the burner wall.